

UMTS 10

16

CORE
NETWORK
SERVICE
NODES

lu

lur

UMTS TERRESTRIAL
RADIO ACCESS
NETWORK (UTRAN)

26₁

SRNC

RNC

26₂

36_{1A}

28₁₋₁

BS

28₁₋₂

BS

28₂₋₁

BS

28₂₋₂

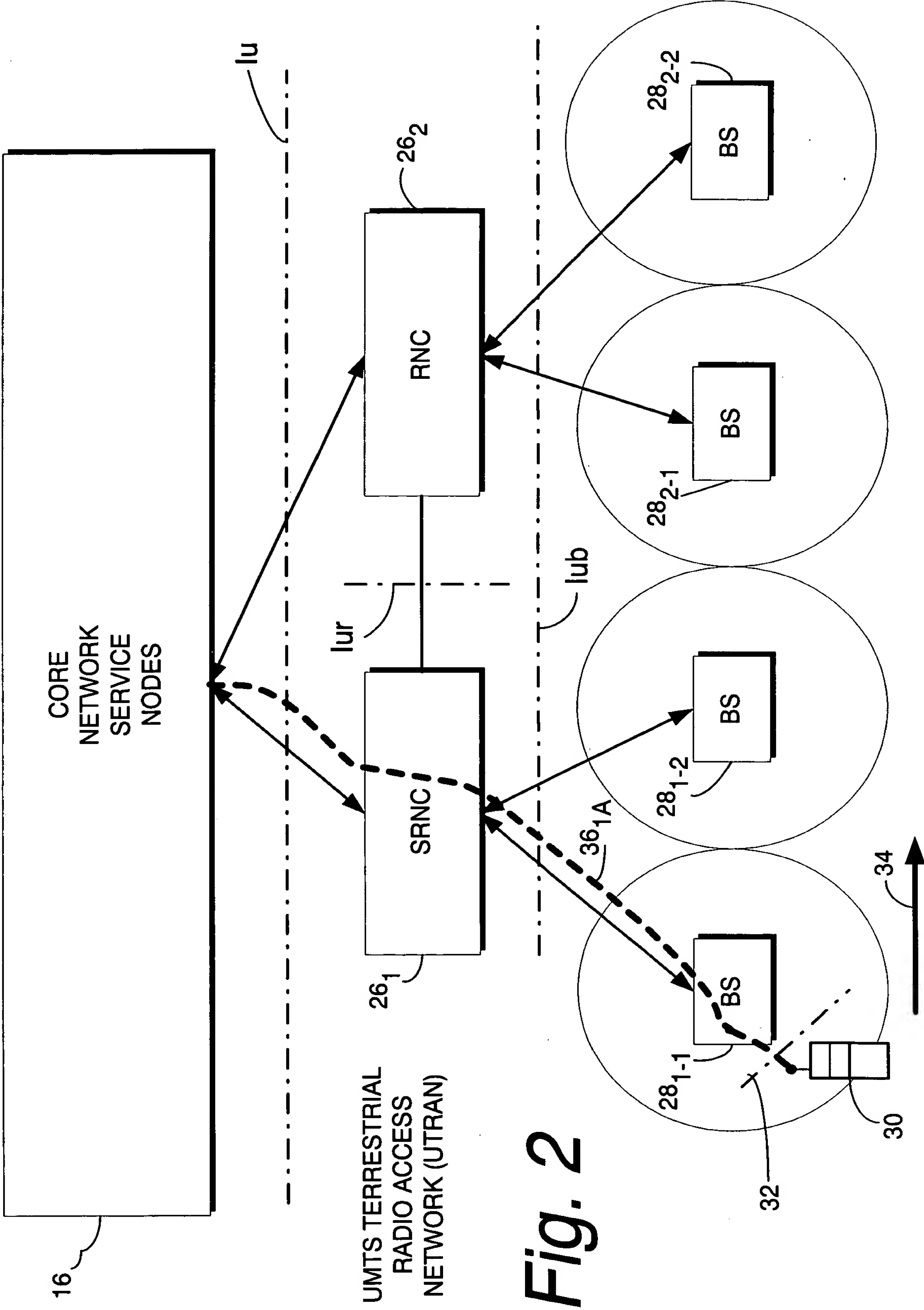
BS

32

30

34

Fig. 2



UMTS 10

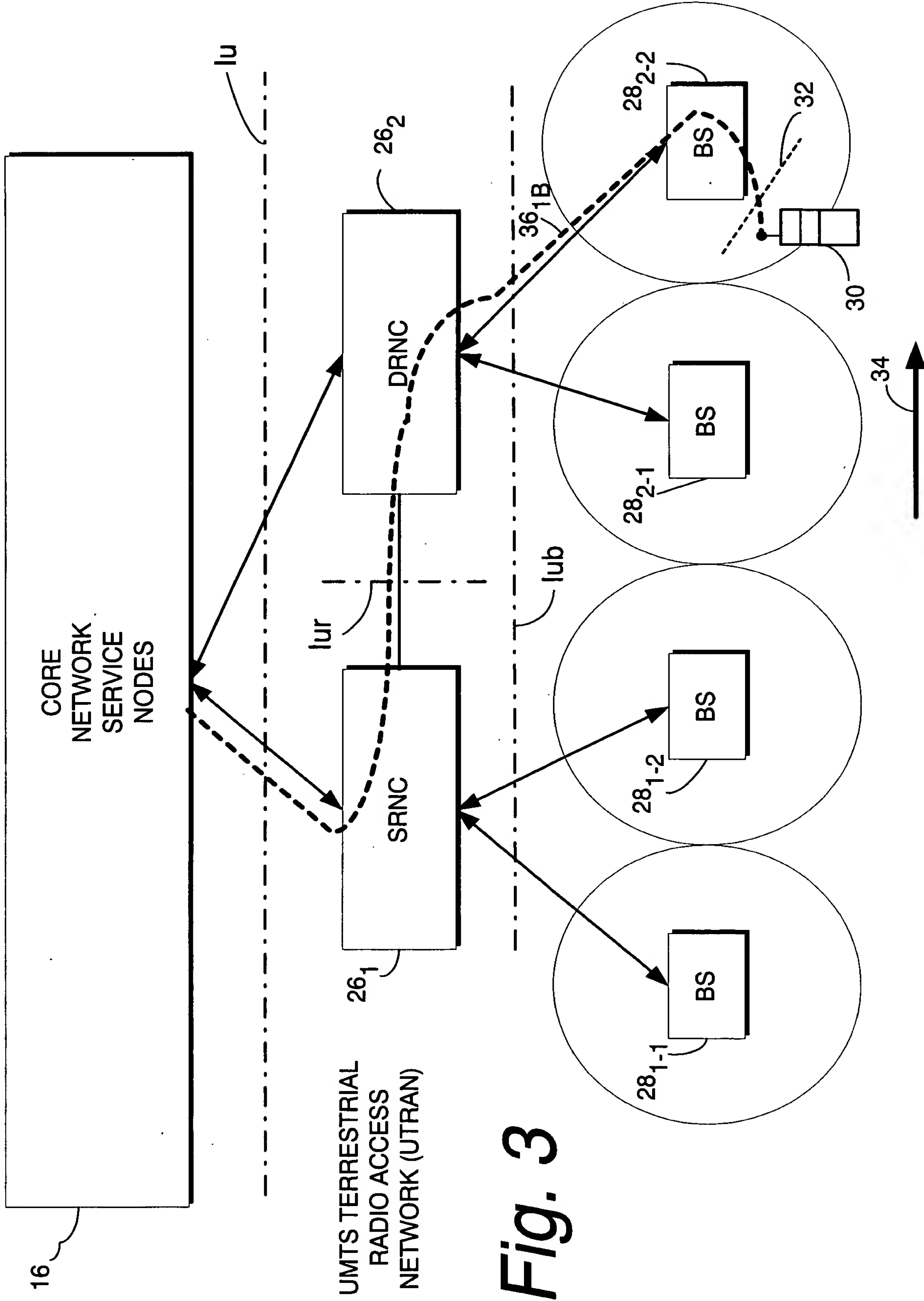


Fig. 3

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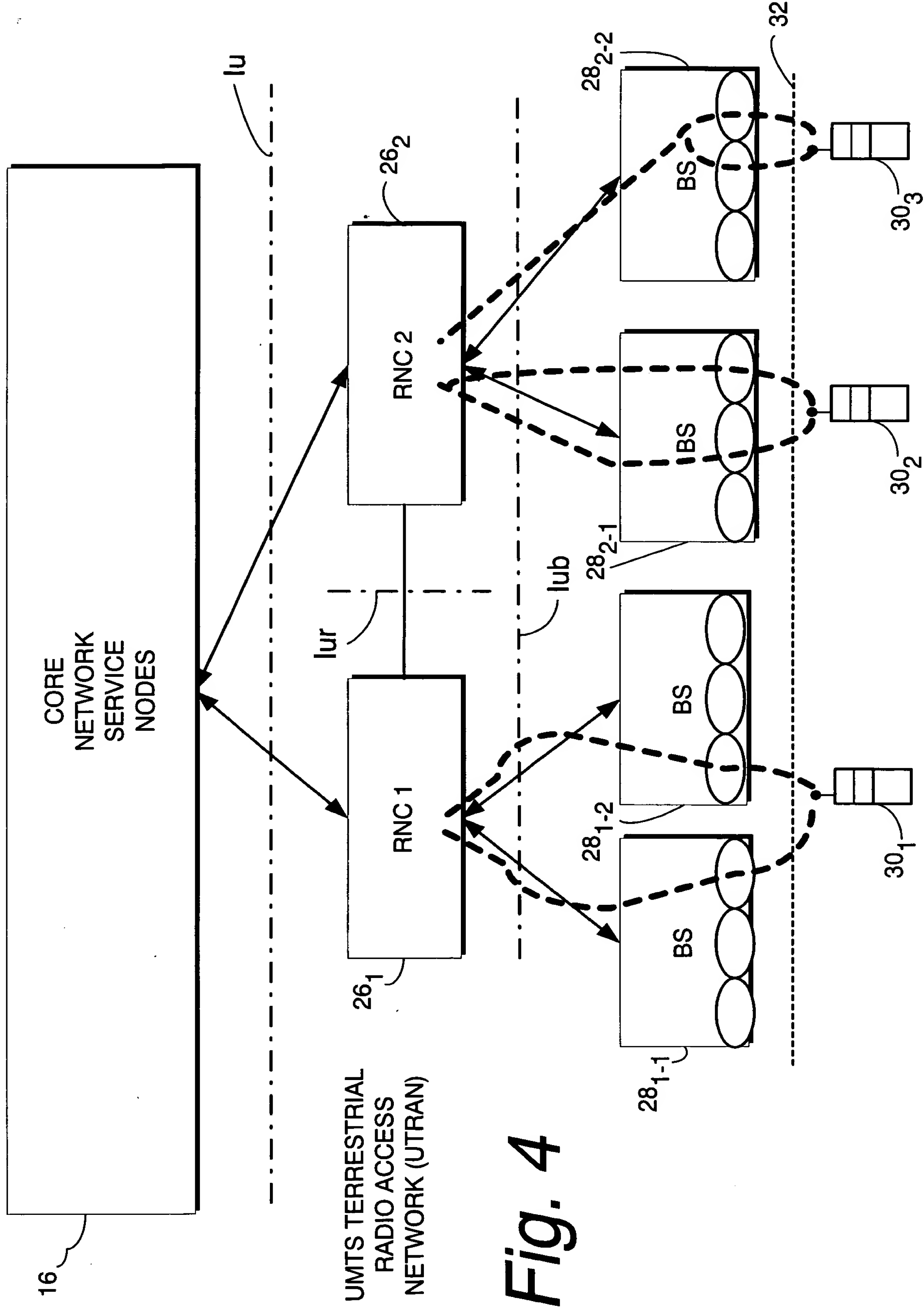


Fig. 4

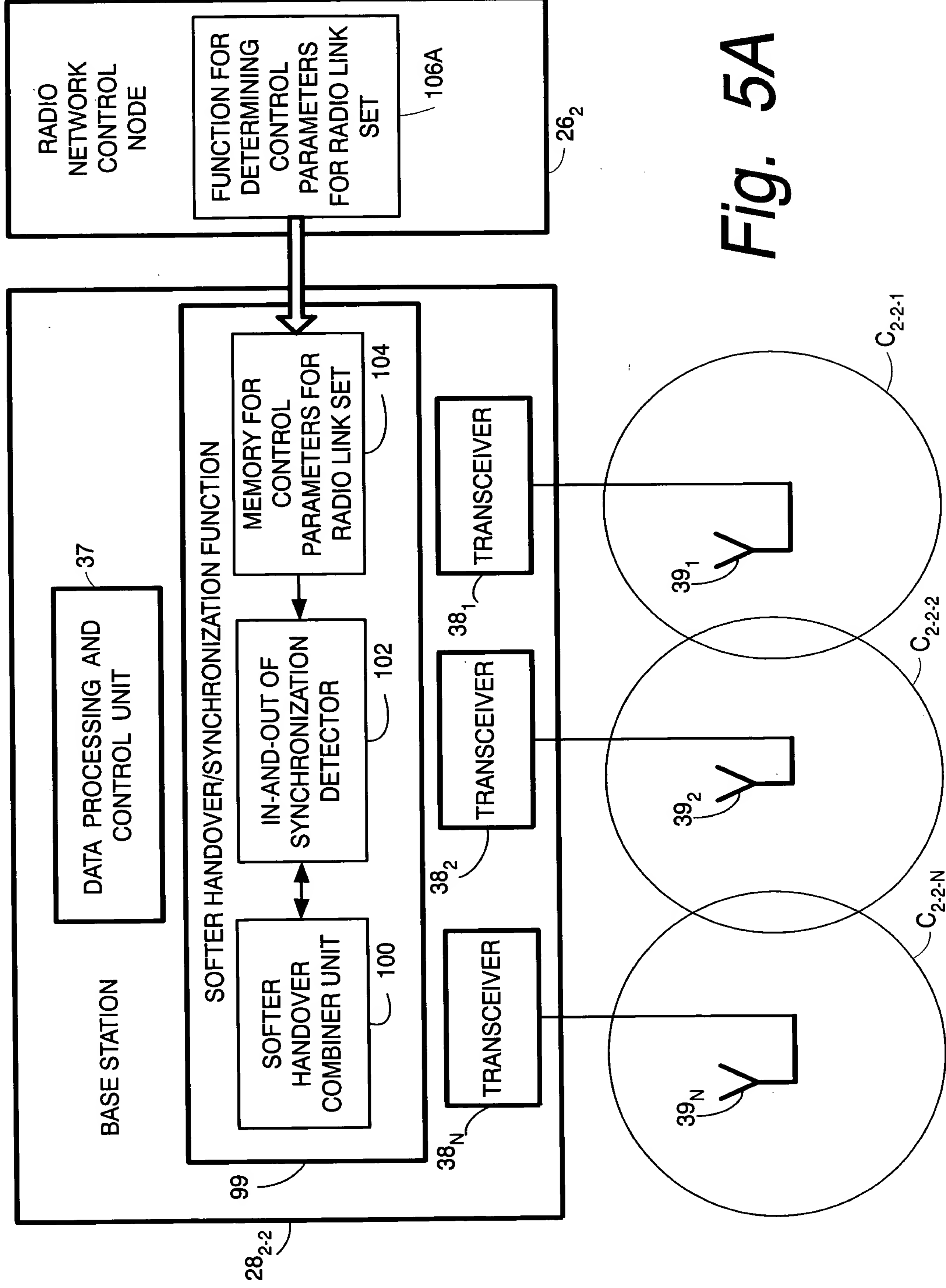


Fig. 5A

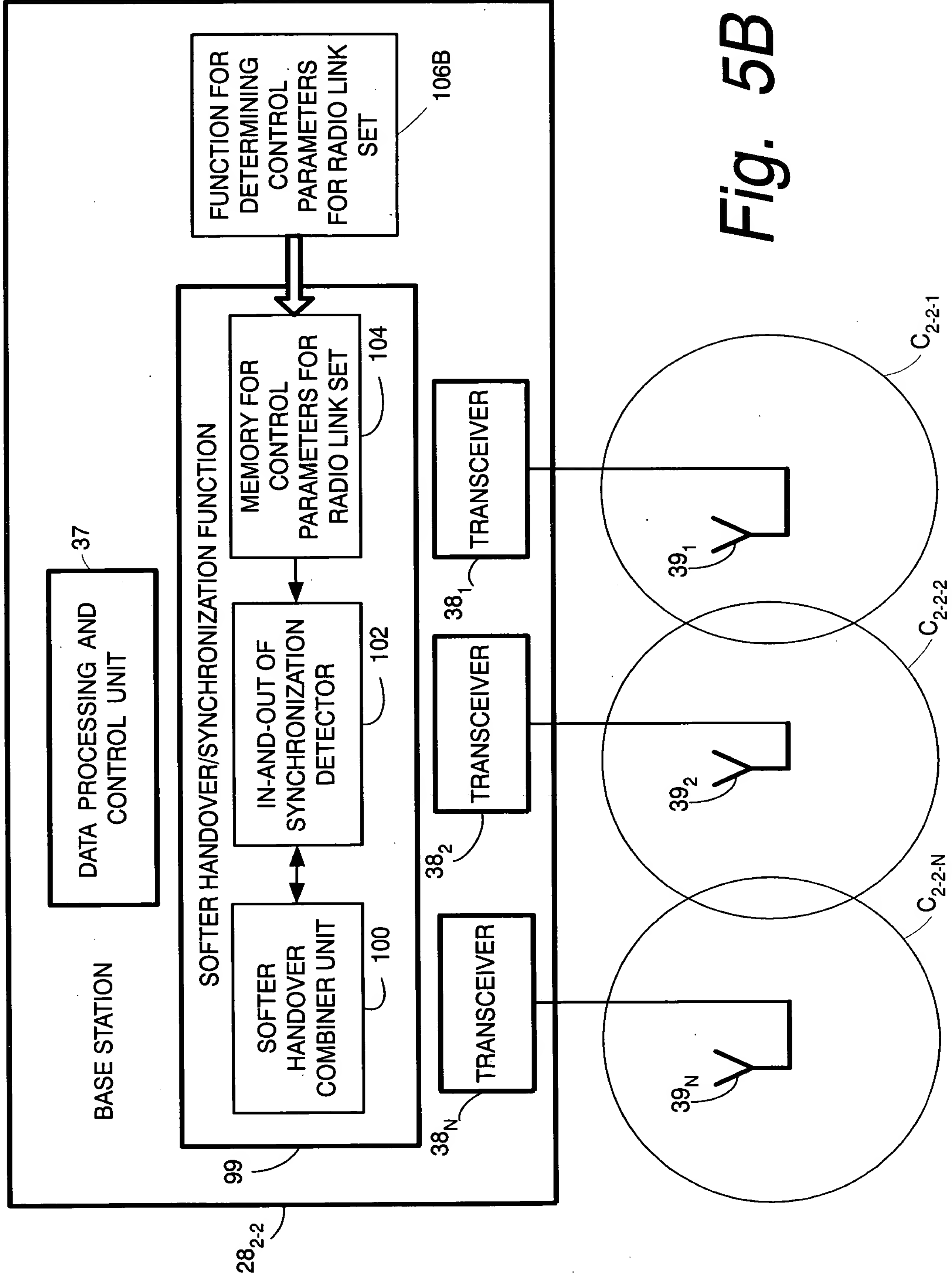


Fig. 5B

28₂₋₂

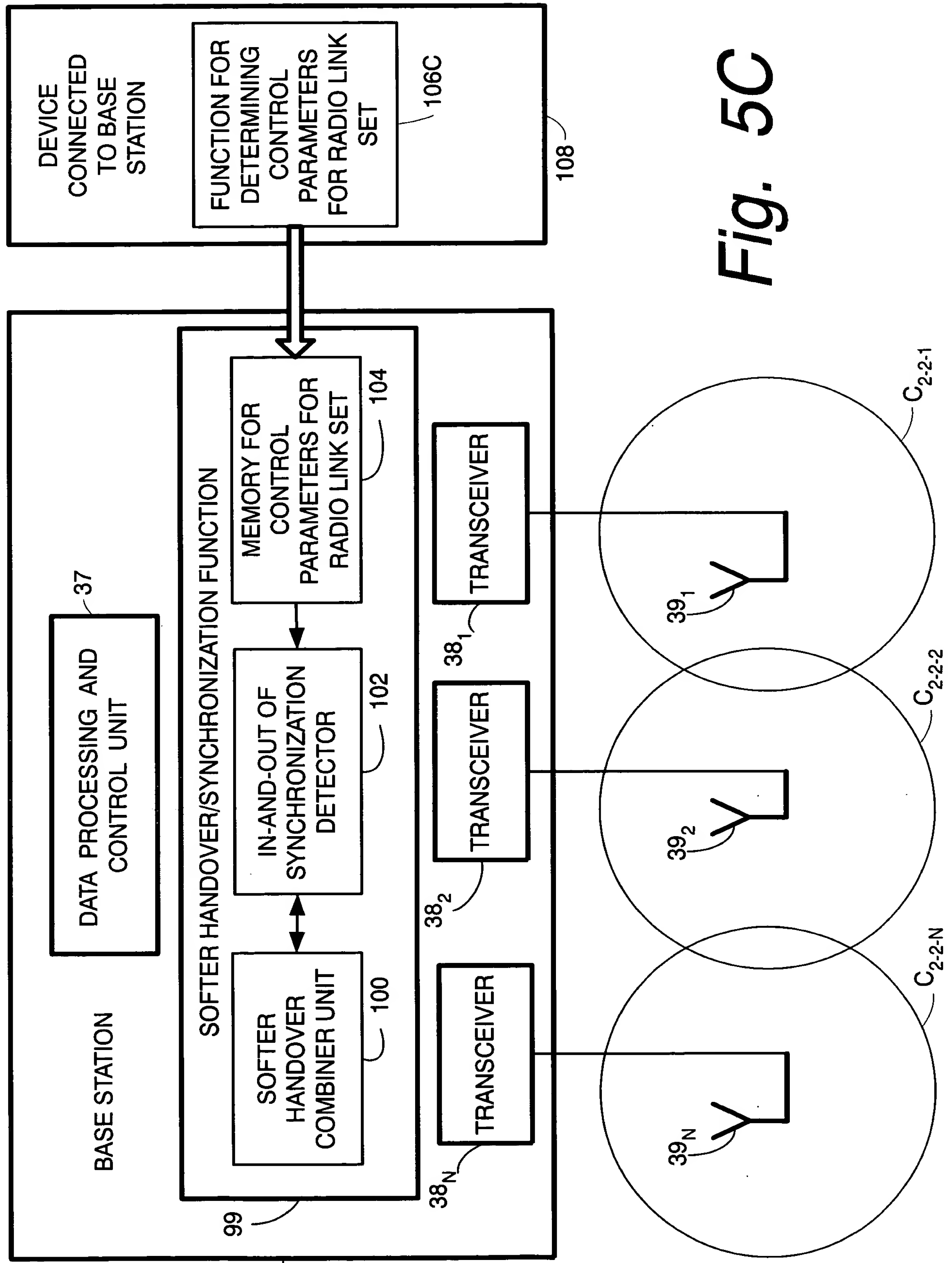
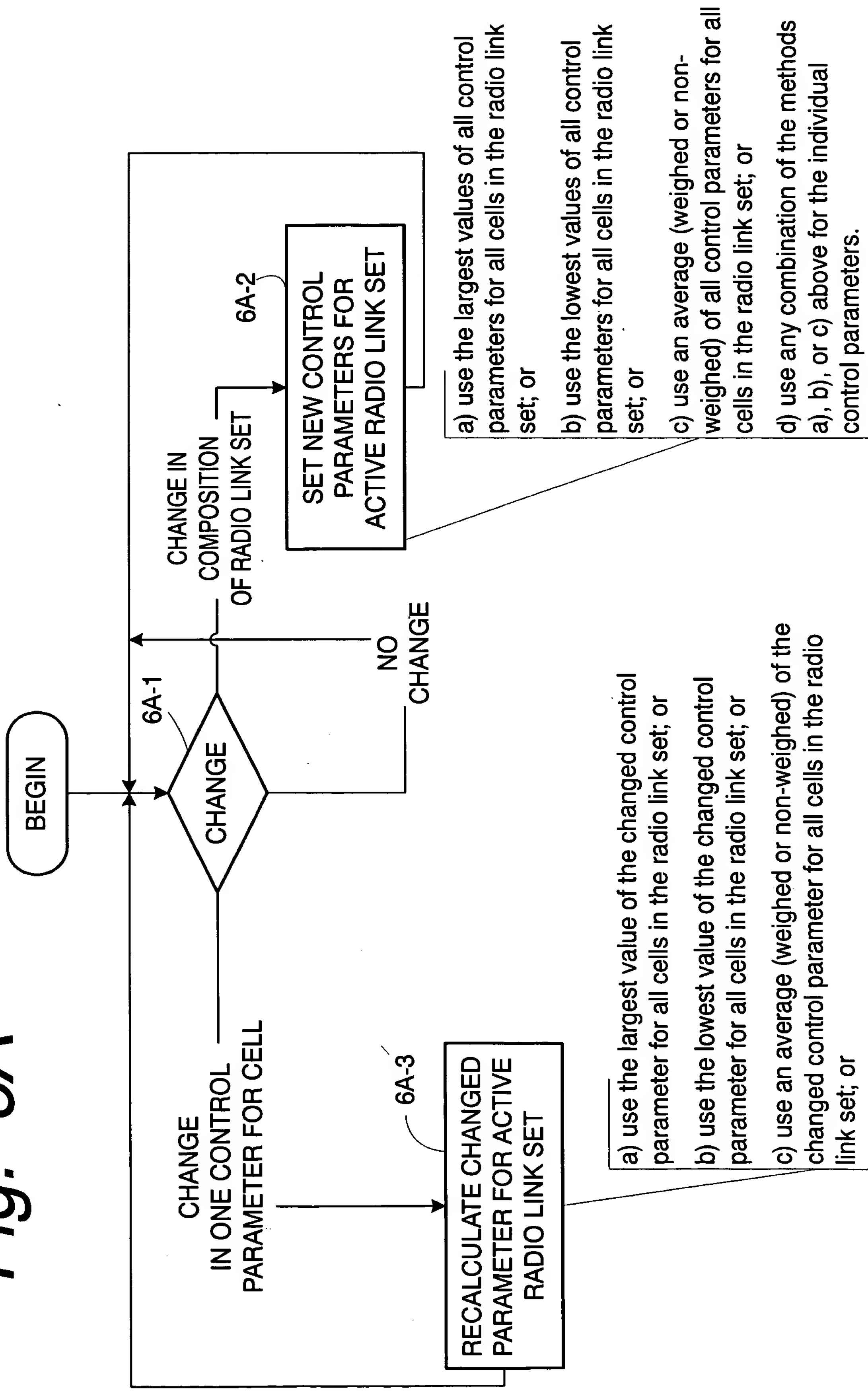


Fig. 5C

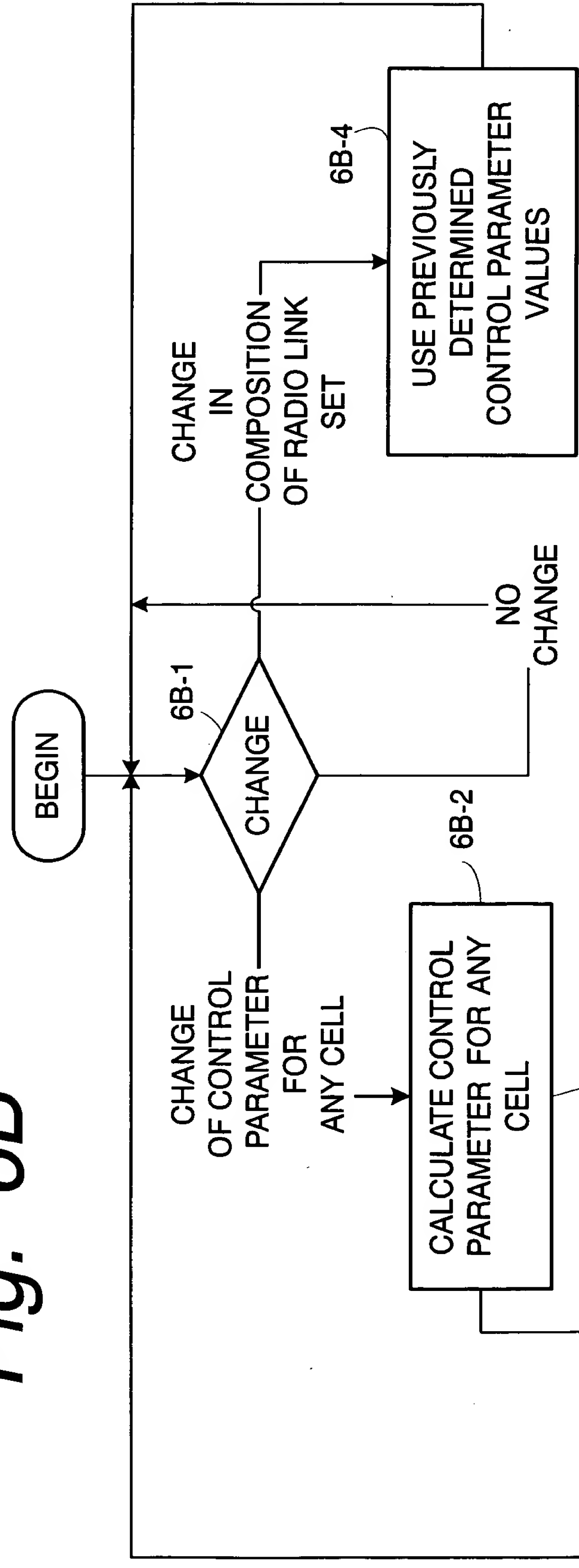
DYNAMIC MODE

Fig. 6A



FIRST SEMI-STATIC MODE

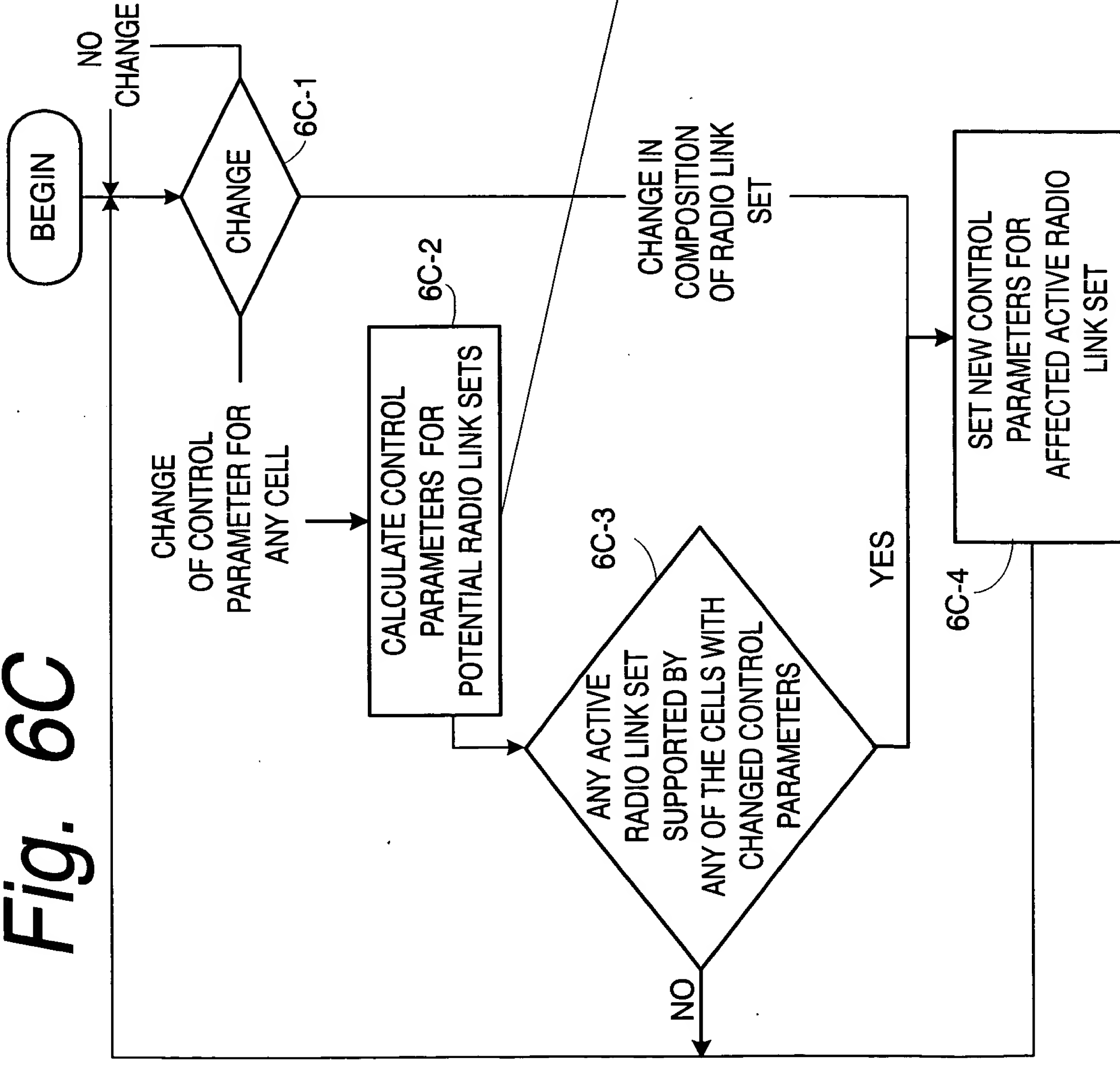
Fig. 6B



- 1) use the largest values of all control parameters for all cells in the base station and use it for any radio link set in the base station, i.e. each control parameter would have the same value for any radio link set in the base station; or
- 2) use the lowest values of all control parameters for all cells in the base station and use it for any radio link set in the base station, i.e. each control parameter would have the same value for any radio link set in the base station; or
- 3) use an average (weighed or non-weighed) of all control parameters for all cells in the base station and use it for any radio link set in the base station, i.e. each control parameter would have the same value for any radio link set in the base station.; or
- 4) use any combination of the methods 1), 2), or 3) above for the individual control parameters.

Fig. 6C

SECOND SEMI-STATIC MODE



- i) use the largest values of all control parameters for all cells of a potential radio link set in the base station and use the control parameters corresponding to the cells supporting a specific radio link set whenever such a radio link set is activated in the base station, or
- ii) use the lowest values of all control parameters for all cells of a potential radio link set in the base station and use the control parameters corresponding to the cells supporting a specific radio link set whenever such a radio link set is activated in the base station, or
- iii) use an average (weighed or non-weighed) of all control parameters for all cells of a potential radio link set in the base station and use the control parameters corresponding to the cells supporting a specific radio link set whenever such a radio link set is activated in the base station, or
- iv) use any combination of the methods i), ii), or iv) above for the individual control parameters.

Fig. 7

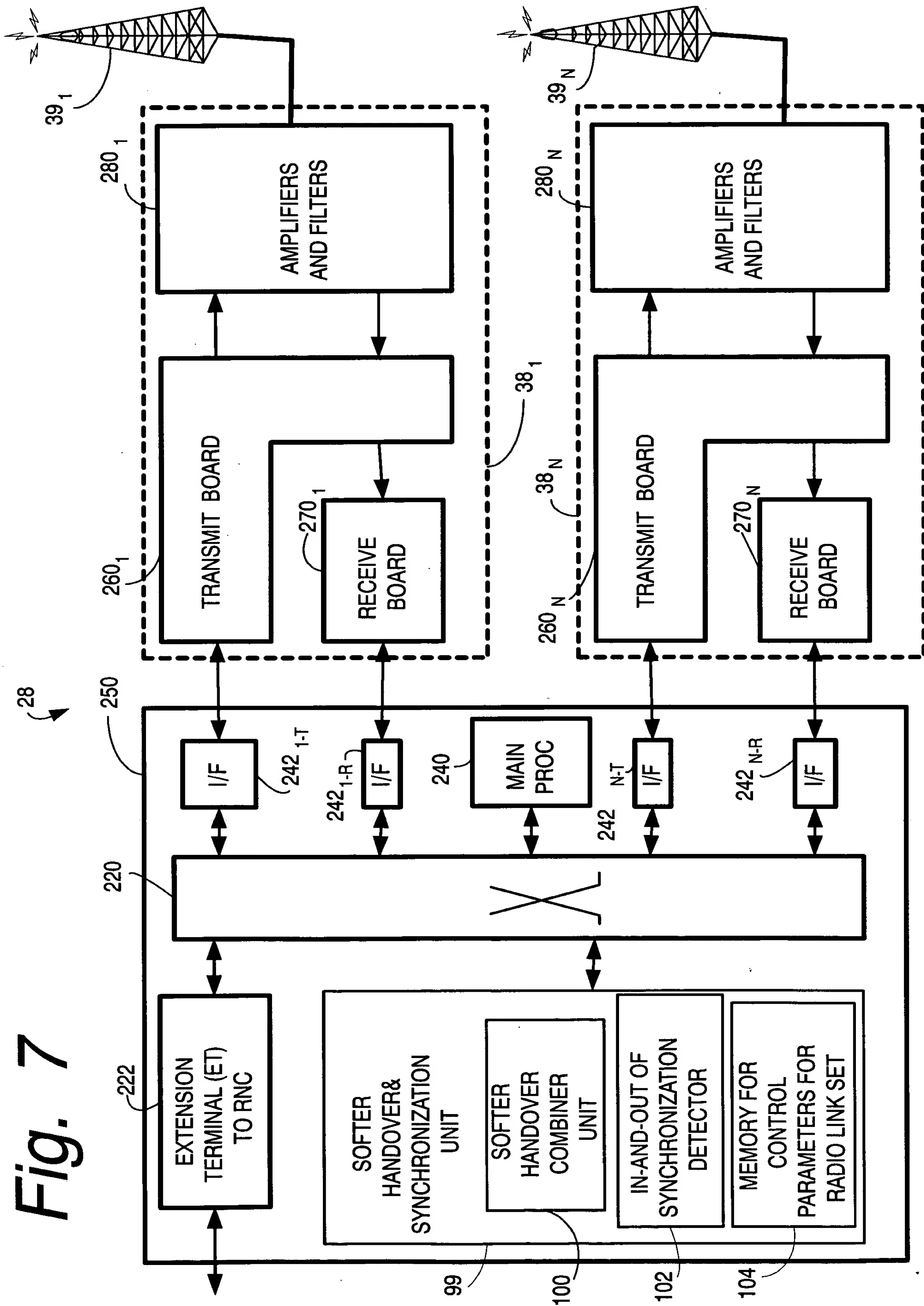
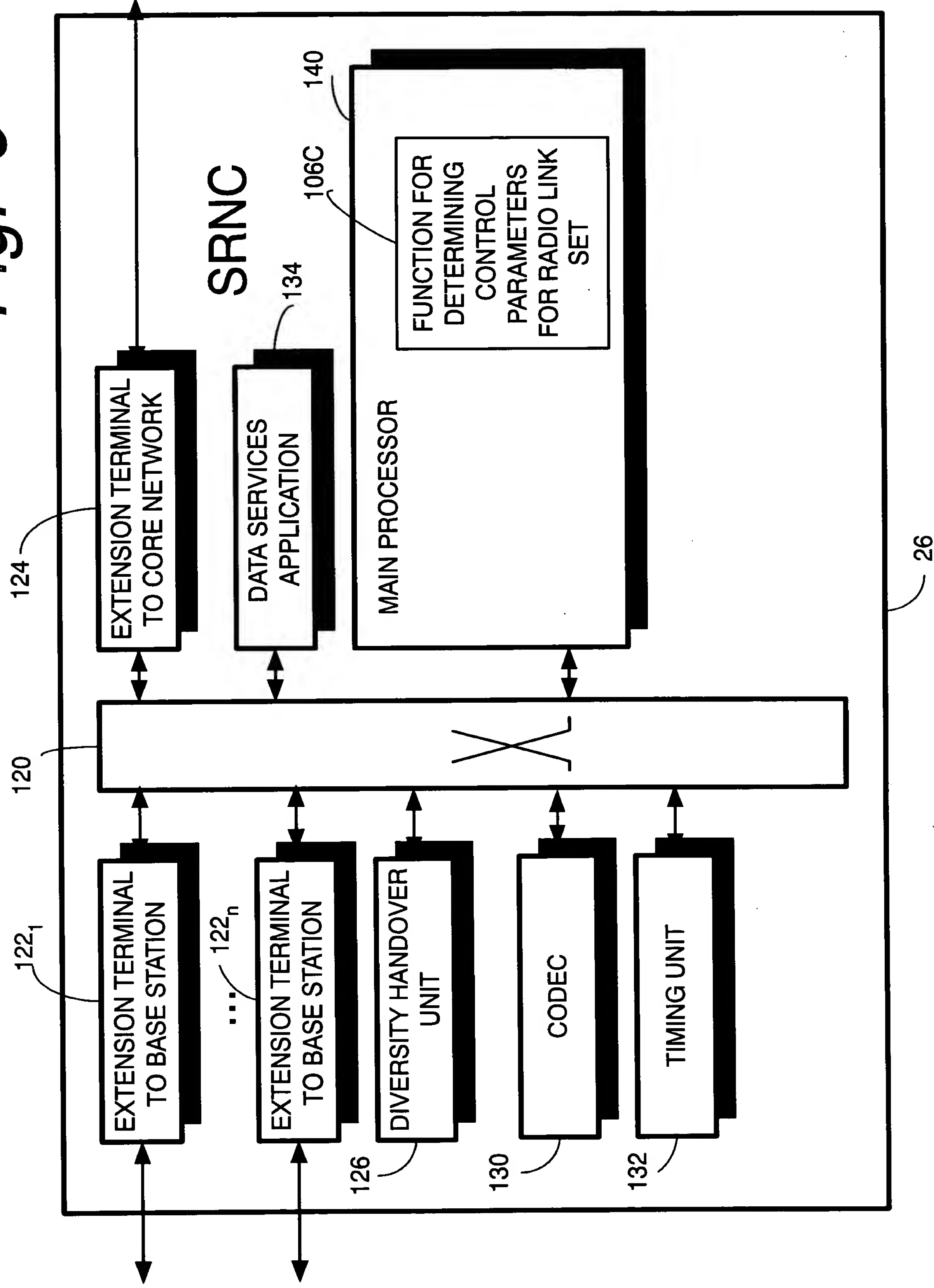


Fig. 8



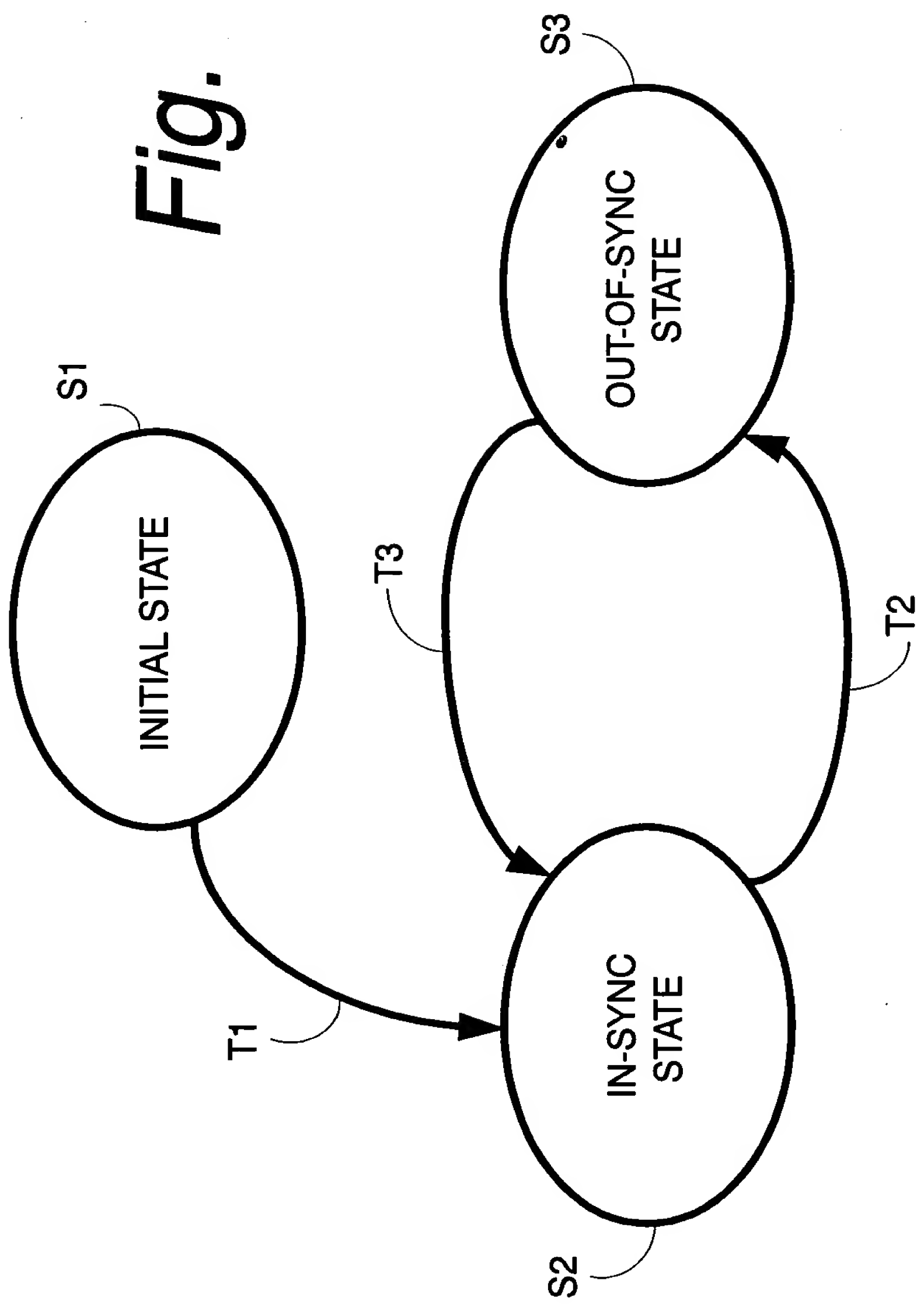


Fig. 9